

WHAT IS CLAIMED IS:

1. A wire-guiding structure of a shuttle of a sewing machine comprising:

a casing; one end surface of the casing having a sliding channel;
5 one end surface of the sliding channel being formed with a T shape buckling slot; the T shape buckling slot of the casing having a semi-round wire-guiding slot;

an engaging sheet slidably installed on the sliding channel of the casing; and the engaging sheet having a T shape buckling hole; one
10 end of the engaging sheet being installed with a semi-round wire-guiding slot; the wire-guiding slot of the engaging sheet and the wire-guiding slot of the casing being formed as a wire-receiving hole;

a buckle; a buckling portion extending from the buckle; the
15 buckling portion inserting into the buckling hole of the engaging sheet and the buckling slot of the casing so that the engaging sheet is buckled to the sliding channel of the casing;

a wire-winding wheel pivotally in the casing; two sides of the wire-winding wheel having a larger round disk and a small round disk;
20 the wire-receiving hole being adjacent to the small round disk;

a wire-guiding rod fixed to the end surface of the casing; the wire-guiding rod having at least one wire-guiding ring which forms a path between an external wire supplying unit and the wire-receiving hole.

25 2. The wire-guiding structure of a shuttle of a sewing machine as claimed in claim 1, wherein the end surface of the casing has a protrusion, the protrusion has a lock hole for locking the wire-guiding rod.

30 3. The wire-guiding structure of a shuttle of a sewing machine as claimed in claim 2, wherein a locking end of the wire-guiding rod has outer threads.

4. The wire-guiding structure of a shuttle of a sewing machine as claimed in claim 1, wherein the wire-guiding rod is elastic.

5 5. The wire-guiding structure of a shuttle of a sewing machine as claimed in claim 1, wherein the wire-guiding rod is bent to have a tip end.

6. The wire-guiding structure of a shuttle of a sewing machine as claimed in claim 1, wherein the external wire supplying unit is a larger wire-winding disposed near a leg seat at a lower end of a sewing machine.

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